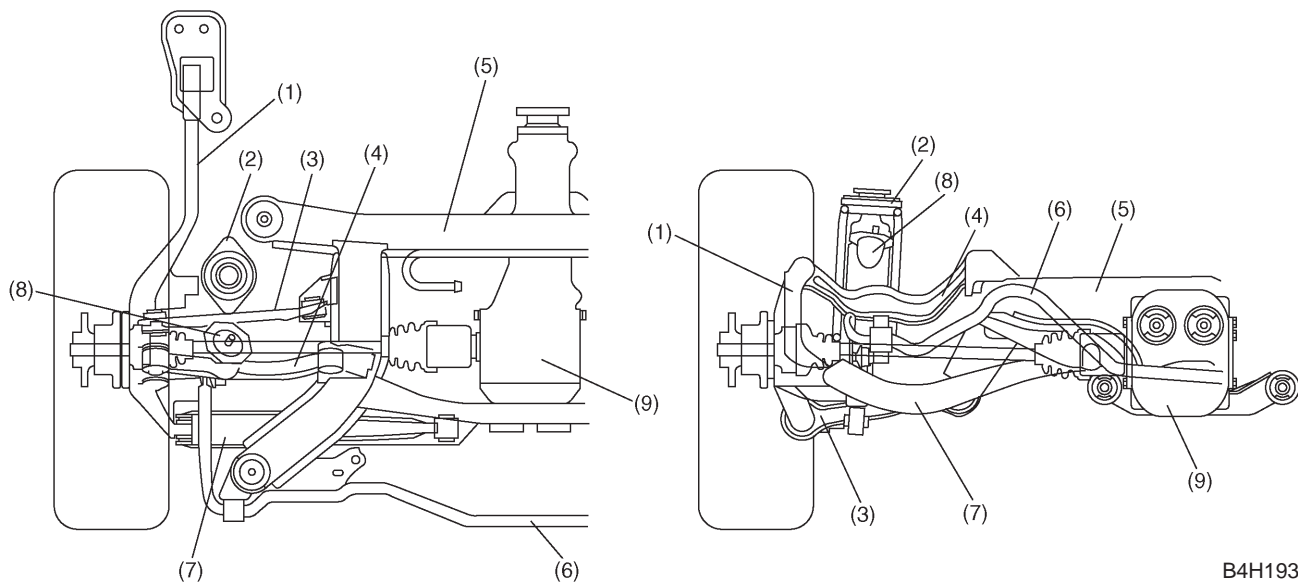


MECHANISM AND FUNCTION**2. Rear Suspension****A: OUTLINE**

The rear suspension is a multilink type. This type of suspension is characterized by smaller changes in camber and toe-in which are likely affected by the suspension vertical strokes and longitudinal and lateral forces, which allows full use of tire performance and ensures higher kinetic performance and stability of the vehicle.

This suspension is also characterized by quieter operation because of the link front, link rear, link upper and rear differential being attached to the sub frame which in turn is installed to the body through heavy duty bushings.



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- | | | |
|------------------------------------|----------------|-----------------------|
| (1) Rear arm | (4) Link upper | (7) Link rear |
| (2) Shock absorber and coil spring | (5) Sub frame | (8) Helper |
| (3) Link front | (6) Stabilizer | (9) Rear differential |

| Part Name | Feature | Function |
|--------------------------------|--|---|
| Rear arm | Made of cast iron to maintain rigidity. | Supports longitudinal dynamic load. |
| Link front | Made of sheet metal with U-shaped section to maintain rigidity. | Supports lateral dynamic load. |
| Link rear | Made of sheet metal with U-shaped section to maintain rigidity. | Supports lateral dynamic load. |
| Link upper | Made of cast iron to maintain rigidity against impact from helper when suspension is bumped. | Supports lateral dynamic load. |
| Shock absorber and coil spring | Overall length is maintained shortest possible to eliminate protrusion toward inside the passenger compartment. | Supports and controls vertical dynamic load. |
| Stabilizer | Ball joint type stabilizer link is used to stabilize transient rolling characteristics of the body. | Controls body rolling. |
| Helper | Installed to the body independently of shock absorber to avoid its protrusion toward inside the passenger compartment. | Combined with link upper to serve as vehicle bump stopper. |
| Sub frame | Installed to the body through heavy-duty bushings for quieter operation. | Supports link front, link rear, link upper and rear differential. |

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MECHANISM AND FUNCTION

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